

IN THE CLAIMS:

1. (Currently Amended) A computerized medical diagnosis imaging examination management system allowing a central operator to monitor and control a predetermined number of ~~diagnosis~~ medical examination imaging instruments in real time, comprising:

a central computer system comprising a data processor;

a predetermined number of data interfaces each operatively coupled to the data processor and configured to receive data from one of the ~~diagnosis~~ medical examination imaging instruments in real time, wherein each ~~diagnosis~~ imaging instrument is located at a different remote patient site and configured for displaying ~~measurement data and/or diagnosis~~ imaging data on a local monitor allowing a local operator to monitor the ~~diagnosis~~ imaging instrument at a patient site during a patient's examination;

a display unit operatively coupled to the data processor and configured to represent each local monitor simultaneously, wherein the display unit is further configured to display the ~~measurement~~ imaging data ~~and/or diagnosis data~~ in the same way as the respective local monitor, wherein a number of represented local monitors corresponds to the predetermined number of ~~diagnosis~~ imaging instruments, and wherein the simultaneous representations of local monitors on the display unit allow the central operator to monitor and control the ~~diagnosis~~ imaging instruments during patient examinations; and

an input unit operatively coupled to the data processor and configured to allow the central operator to select a ~~diagnosis~~ an imaging instrument from the ~~diagnosis~~ imaging instruments represented on the display unit, and to generate a control code for the selected ~~diagnosis~~ imaging instrument, when a control instruction for actively

controlling the selected ~~diagnosis~~ imaging instrument is entered by the central operator through the input unit to enable active intervention in real time by the central operator during a patient's imaging examination, wherein the data interface automatically forwards the control code to the selected ~~diagnosis~~ imaging instrument.

2. (Currently Amended) The system as claimed in claim 1, wherein the data interface is one of

two or more hardware modules each operatively coupled via a separate data communications line to a ~~diagnostic~~ an imaging instrument, and

a software module configured to access the ~~diagnosis~~ imaging instruments based on addressing information for each ~~diagnostic~~ imaging instrument.

3. (Previously Presented) The system as claimed in claim 1, wherein the data interface is configured as an Internet interface.

4. (Currently Amended) The system as claimed in claim 1, wherein the system is configured to receive data from at least two ~~diagnosis~~ imaging instruments that transmit data in dissimilar formats.

5. (Currently Amended) The system as claimed in claim 1, wherein the system is configured to receive data from a ~~diagnosis~~ an imaging instrument mounted on a mobile platform.

6. (Cancelled)

7. (Previously Presented) The system as claimed in claim 1, wherein the system is configured to replicate an operating console of the ~~diagnosis~~ imaging instrument in response to the control instruction.

8. (Cancelled)

9. (Currently Amended) The system as claimed in claim 1, further comprising an acoustic input device configured to pick up a voice signal spoken at the site of the input unit of the ~~diagnosis~~ imaging management system, wherein the data processor sends the voice signal to a selected medical ~~diagnosis~~ imaging instrument.

10. (Currently Amended) The system as claimed in claim 1, wherein the system is configured to receive image data from at least one camera installed at the site of one of the ~~diagnosis~~ imaging instruments, and wherein the data interface is configured for recording the image data.

11. (Cancelled)

12. (Currently Amended) A computerized method for managing a predetermined number of medical ~~diagnosis~~ examination imaging instruments located at remote patient sites in real time, comprising:

receiving at a central computer system via a plurality of data interfaces ~~measurement~~ imaging data and/or ~~diagnosis~~ data from the remotely located ~~diagnosis~~ imaging instruments in real time, wherein each data interface is assigned to one of the ~~diagnosis~~ imaging instruments, and wherein each ~~data~~ diagnosis imaging instrument is located at a different remote patient site and configured for displaying ~~measurement data and/or diagnosis~~ imaging data on a local monitor allowing a local operator to monitor the ~~diagnosis~~ imaging instrument at a patient site during a patient's examination;

simultaneously displaying on a display unit operatively coupled to a data processor of the central computer system a number of representations of the local monitors to allow the central operator to monitor and control the remotely located ~~diagnosis~~ imaging instruments in real time during patient examinations, wherein the number of represented local monitors corresponds to the predetermined number of

diagnosis imaging instruments, and wherein the display unit displays the ~~measurement data and/or diagnosis~~ imaging data in the same way as the respective local monitor;

selecting a ~~diagnosis~~ an imaging instrument from the ~~diagnosis~~ imaging instruments represented on the display unit for active control by the central operator when the central operator enters an input into the data processor;

converting the entered input into a control code for the selected ~~diagnosis~~ imaging instrument to enable active intervention by the central operator in real time during a patient's examination;

forwarding the control code in real time from the central computer system to the selected ~~diagnosis~~ imaging instrument; and

controlling the ~~diagnosis~~ imaging instrument in real time via user instructions delivered at an input unit operatively coupled to the central computer system.

13. (Currently Amended) The computerized method as claimed in claim 12, further comprising receiving data in dissimilar formats from at least two ~~diagnosis~~ imaging instruments and processing the dissimilar format data for display in a standardized format.

14. (Cancelled)

15. (Cancelled)

16. (Currently Amended) The computerized method as claimed in claim 12, further comprising receiving an operator voice signal and sending the voice signal to the site of the selected medical ~~diagnosis~~ imaging instrument.

17. (Currently Amended) The computerized method as claimed in claim 12, further comprising the central computer system receiving stored data saved earlier

locally at one of the medical ~~diagnosis~~ imaging instruments and presenting the data on the display unit.

18. (Currently Amended) The computerized method as claimed in claim 12, further comprising the central computer system receiving and recording image data from at least one camera located at a ~~diagnosis~~ an imaging instrument site.

19. (Cancelled)

20. (Cancelled)

21. (New) A method of claim 12 wherein the central computer system is configured to replicate an operating console of the ~~diagnosis~~ imaging instrument in response to the control instruction.